

**Amendments to the Specification**

At page 1 line 12, after "60/430,322", insert -- filed December 2, 2002, --.

At page 1 line 29, replace "(HMG)" with -- (HMW) --.

At page 5, line 9, insert:

--SEQ ID NO:7 shows the amino acid sequence of an amino acid product produced by the nucleotide sequences encoding a AIP polypeptide.

SEQ ID NO:8 shows the amino acid sequence of a FLAG epitope.

SEQ ID NO:9 shows the sequence of an  $\alpha$ -MHC-specific primer.

SEQ ID NO:10 shows the sequence of an AIP<sub>4</sub>-specific primer.

At page 5 line 22, after the phrase "group consisting of", insert the following:

-- Leu-9, Asn-12, Phe-13, Ile-16, Leu-20, Ile-26, Val-27, and Leu-30; which correspond to phospholamban locations --.

At page 6 line 27, after the phrase "also shown in SEQ ID NO:1", insert --where the amino acids are now numbered 1 through 30, rather than 23 through 52 --.

At page 6 line 30, after "L52", insert -- which correspond to Leu-9, Asn-12, Phe-13, Ile-16, Leu-20, Val-27, and Leu-30 of SEQ ID NO:1 --.

At page 7 line 1, after "L52", insert -- which correspond to Phe-13, Ile-16, Leu-20, Ile-26, Val-27, and Leu-30 of SEQ ID NO:1 --.

At page 7 line 2, before "L31 and N34" insert -- Leu-9 and Asn-12 of SEQ ID NO:2, which correspond to --.

At page 9 line 16, before "known to", insert -- (SEQ ID NO:7) --

Attorney Docket No. GMX-002  
Appl. No. 10/724,532  
Amdt. Dated October 26, 2005  
Reply to Office Action of July 29, 2005

At page 9 line 18, before "are placed", insert -- (SEQ ID NO:8) --

At page 10 line 15, before "and an", insert -- (SEQ ID NO:9) --

At page 10 line 16, before ". Transgenic", insert -- (SEQ ID NO:10) --

Support for these amendments is taken from the sequence listing and adds no new matter.